

July 13-14, 2018

Fluno Center  
Madison, Wisconsin

# 15th Biennial Phonosurgery Symposium

PROVIDED BY

University of Wisconsin School of Medicine and Public Health  
Department of Surgery, Division of Otolaryngology - Head & Neck Surgery  
University of Wisconsin-Madison Interprofessional Continuing Education Partnership (ICEP)



## Visiting Faculty

Jacqueline Allen, FRACS ORL HNS  
*University of Auckland, New Zealand*

Julie Barkmeier-Kraemer, PhD, CCC-SLP  
*University of Utah*

Christopher Bingcang, MD  
*University of Nebraska-Omaha*

Andrew Blitzer, MD, DDS, FACS  
*Mount Sinai*

Joel Blumin, MD, FACS  
*Medical College of Wisconsin*

Jonathan Bock, MD  
*Medical College of Wisconsin*

Guillermo Campos, MD  
*Instituto De Laringologia, Columbia*

Thomas Cleveland, PhD  
*Vanderbilt University*

Dale Ekbohm, MD  
*Mayo Clinic*

Paul Flint, MD  
*Oregon Health & Science University*

Eddie Hapner, PhD  
*USC Voice Center*

Christopher Hartnick, MD, MS  
*Massachusetts General Hospital for Children*

Markus Hess, MD  
*University Medical Center Hamburg-  
Eppendorf (UKE)*

Alexander Hillel, MD  
*Johns Hopkins University School of Medicine*

Henry Hoffman, MD  
*University of Iowa Hospitals and Clinics*

Marie Jetté, PhD, CCC-SLP  
*University of Colorado-Denver*

Sid Khosla, MD  
*University of Cincinnati School of Medicine*

Ying-Ta Lai, MD  
*Shuang Ho Hospital, Taipei Medical University*

Cate Madill, PhD  
*University of Sydney*

Ted Mau, MD, PhD  
*UT Southwestern*

Claudio Milstein, PhD  
*Cleveland Clinic*

Daniel Novakovic, MD  
*University of Sydney*

Debra Phyland, PhD  
*Voice Medicine Australia*

Gregory Postma, MD  
*Augusta University Health*

Bernard Rousseau, PhD, MMHC, CCC-SLP  
*Vanderbilt University*

Mary Sandage, PhD, CCC-SLP  
*Auburn University*

Marshall Smith, MD, FACS  
*University of Utah*

Joseph Stemple, PhD, CCC-SLP  
*University of Kentucky*

Ichiro Tateya, MD  
*Kyoto University*

Yutaka Toya, MD, PhD  
*Kumamoto University, Japan*

Gayle Woodson, MD  
*Drexel University*

Sherri Zelazny, RSLP  
*Surrey Voice Clinic*

## University of Wisconsin Faculty

Diane Bless, PhD, CCC-SLP\*

Maia Braden, MS, CCC-SLP

Nadine Connor, PhD, CCC-SLP

Seth Dailey, MD\*

Emerald Doll, MS, CCC-SLP

Charles Ford, MD, FACS\*

David Francis, MD, MS\*

Jesse Hoffmeister, MS, CCC-SLP

Jack Jiang, MD, PhD

Molly Knigge, MS, CCC-SLP, BCS-S

Stevie Marvin, MS, CCC-SLP, BCS-S

Jamie Mayer, MS, CCC-SLP

Timothy McCulloch, MD, FACS\*

J. Scott McMurray, MD, FAAP, FACS

Bryn Olson-Greb, MS, CCC-SLP

Kevin Pasternak, MS, CCC-SLP

Susan Thibeault, PhD, CCC-SLP\*

Carol Tolejano, MA, CCC-SLP

Nathan Welham, PhD, CCC-SLP\*

\*Planning Committee Members

[www.surgery.wisc.edu/madison\\_voice\\_conference](http://www.surgery.wisc.edu/madison_voice_conference)

# Agenda – Phonosurgery Symposium

## Friday, July 13, 2018

Note: Breakfast held in dining room, registration in atrium and conference in the auditorium

AM

- 6:00 Registration
- 6:30 Breakfast
- 7:25 Welcome – Timothy McCulloch, MD, FACS

### Neurolaryngology

Moderator: Seth Dailey, MD

- 7:30 Neurolaryngology: Yesterday, Today & Tomorrow, Andrew Blitzer, MD, DDS, FACS
- 8:00 Behavioral Strategies for the Neurological Patient, Marie Jetté, PhD
- 8:15 Distinguishing Tremor & Dystonia in the Neurological Voice Patient, Julie Barkmeier-Kraemer, PhD, CCC-SLP
- 8:30 Barriers and Solutions for Optimized Botox Delivery, Paul Flint, MD
- 8:45 Refreshment Break & Exhibits
- 9:15 What To Do When the De-Re Goes Wrong, Joel Blumin, MD, FACS
- 9:30 Is There A Role for the SLP in Patients With Paralysis?, Joseph Stemple, PhD, CCC-SLP
- 9:45 Choosing Operations Wisely for UVFP, Marshall Smith, MD, FACS
- 10:00 Revision Laryngoplasty: Pearls & Pitfalls, Sid Khosla, MD
- 10:15 Panel discussion
- 11:15 Lunch & Exhibits

Note: Lunch held in the dining room

### Phonosurgery

Moderator: Nathan Welham, PhD, CCC-SLP

PM

- 12:15 **The John Bascom Lecture: “Novel Approaches to Common Problems” - Henry Hoffman, MD**

#### Novel Approaches to Common Problems



Henry Hoffman, MD, is a Professor of Otolaryngology at the University of Iowa and Editor of the Iowa Head and Neck Protocols (which is currently receiving 40,000 page visits per month (<https://medicine.uiowa.edu/iowaprotocols/>)). His clinical and research interests are closely aligned in the assessment and management of laryngeal disorders

with a focus on minimal access approaches to improve surgical treatment. He has a BA from the University of the South, an MD from the University of California, San Diego, and an MS in Microbiology/Immunology obtained in the course of a Head and Neck Cancer and Reconstructive Surgery Fellowship completed at the University of Michigan.

- 1:00 Best Practice in RRP, Daniel Novakovic, MD
- 1:15 Guidelines for Voice Rest Based on Basic Science Knowledge, Bernard Rousseau, PhD, MMHC, CCC-SLP
- 1:30 How Models Inform Glottic Surgery, Ted Mau, MD, PhD
- 1:45 Managing the Suboptimal Outcome in Phonomicrosurgery, Gayle Woodson, MD
- 2:00 Working with the Singer/Performer, Thomas Cleveland, MD
- 2:15 Laryngeal Dysplasia: The Good, The Bad & The Ugly, Ichiro Tateya, MD
- 2:30 Laser Wars: A New Force Awakens Markus Hess, MD
- 2:45 Refreshment Break & Exhibits

### Pediatrics and Aging

Moderator: David Francis, MD, MS

- 3:15 Benign Lesion in Children, Christopher Hartnick, MD, MS
- 3:30 Biomechanics: Adults and Children, Jack Jiang, MD, PhD
- 3:45 Working with Pediatric Performer's Voice, Debra Phyland, PhD
- 4:00 Voice Surgery in the Elderly, Gregory Postma, MD
- 4:15 Voice Preservative Airway Management, J. Scott McMurray, MD, FAAP, FACS
- 4:30 Keeping Presbyphonia at Bay, Edie Hapner, PhD
- 4:45 Beginning Adapting Voice Therapy for the Preschool and Early School-aged Child, Maia Braden, MS, CCC-SLP
- 5:00 Panel discussion
- 5:45 Adjourn
- 6:30 Dinner & Dance at Steenbock's on Orchard

## Saturday, July 14, 2018

Note: Breakfast held in dining room, registration in atrium and meet in lobby by 7:15 am for bus pick-up.

AM

- 6:00 Registration
- 6:30 Breakfast
- 7:15 Bus pick up at Fluno Center to University Hospital for Workshops, 8:00 AM – 1:50 PM  
See Workshops page for session times and bus schedule to and from the Fluno Center.

# Agenda – Phonosurgery Symposium

Saturday, July 14, 2018

PM

2:15 Refreshment Break & Exhibits

Note: PM sessions held in auditorium

## How I Did It vs How I Do It

Introduction: Charles Ford, MD, FACS

- 2:45 PVFM: Bringing Breathing Back, Claudio Milstein, PhD
- 3:00 Behavioral Management of Chronic Cough, Cate Madill, PhD
- 3:15 Bring Teflon Back!, Jacqueline Allen, FRACS ORL HNS

3:30 Better Living Through New Injectables, Andrew Blitzer, MD, DDS, FACS

3:45 Counseling Patients on Voice Outcomes After Benign Lesion Removal, Guillermo Campos, MD

## Family Feud

Introduction: David Francis, MD, MS

- 4:05 Family Feud Panel  
Team Mature: Diane Bless, Paul Flint, Charles Ford, Henry Hoffman, Joseph Stemple, Gayle Woodson  
Team New Age: Jonathan Bock, Alexander Hillel, Cate Madill, Daniel Novakovic, Debra Phyland
- 5:00 Closing

## Session 1 Workshops

(8:05-8:45, 8:55-9:35, 9:45-10:25)

- Balloon Dilation for the Airway
- Botox for Management for Laryngel Distonia
- Diagnosis of Reflux
- Drug Manipulation of Vocal Fold Scar
- Vocal Unloading Exercises
- How to Manage Spasmodic Dysmorphia without Botox
- Live Workshop: TNE
- Management of Post-Extubation Dysphagia
- Pharyngoesophageal Manometry: Techniques and Uses
- Phonemicsurgery
- Solutions to the Five Most Common Problems of Commercial Singers
- Stroboscopy: Basic Principles & Guidance
- The Chronicles of Cough: Behavioral + Medical Management
- The Difficult Laryngeal Exposure
- The Use of Voice Therapy in the Comprehensive Treatment of Vocal Fold Paresis
- To Use or To Not Use Flesible Lasers
- Using Acoustic Measures to Direct Your Voice Therapy
- Voice Care for Young Singers & Performers
- Voice for the Theater
- Voice Expansive Surgery
- Voice Outcomes
- Voice-Sparing CTR & LTR Techniques

## Session 2 Workshops

(10:35-11:15, 11:55-12:35, 12:45-1:25)

- Commercial Voice Habilitation from an Exercise Science Perspective
- Decision Making in Unilateral Vocal Fold Paralysis
- Ex Vivo Teaching of Laryngeal Surgery
- Flexible Laryngoscopy for Children
- Functional Voice Disorders
- Gender Expansive Voice Therapy
- In Office Tracheoscopy of the Airway Patient
- Incorporating Motor Learning Principles into PVFMD Therapy
- Injection Laryngoplasty: How to Do It  
*Live Workshop: Transoral Vocal Cord Injection*
- Management of Cricopharyngeal Dysunction
- Management of Zenkers Diverticulum
- Modifications to Thyroplasty and Arytenoid Adduction
- Pediatric Voice Assessment
- Raspberries and Straws and Tubes, Oh My!
- Surgical Techniques & Management of Pediatric Voice & Airway Disorders
- The UW Model for Speech & Swallowing Following Tracheostomy
- Using Big Data to Answer Key Questions about the Upper Airway
- Voice Rest
- Voice Therapy for Parkinson's
- When to do TNE

# About the Conference

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The 15th Biennial Phonosurgery Symposium is the only educational event in the region designed for otolaryngologists, speech-language pathologists, and voice scientists. This course will provide a pertinent update on modern clinical care and scientific research – basic and applied – of the larynx and voice. Teaching formats include podium lectures, the ever-popular “hands-on” workshops, and bring your own case.

## Who Should Attend

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This symposium is designed to assist practicing voice care professionals – otolaryngologists, speech-language pathologists, voice teachers, voice professionals, and scientists – in incorporating modern diagnostic and therapeutic strategies for voice care. Close interaction with faculty is encouraged throughout all facets of the program to optimize learning.

## Elements of Competence

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This CE activity has been designed to change learner competence and focuses on the American Board of Medical Specialties© areas of patient care and procedural skills, and medical knowledge.

## Learning Objectives

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At the conclusion of this educational activity, participants should be able to...

- Identify sources of new technologies for laryngology
- Define vocal influences of laryngeal inflammation
- Assess timing of treatment
- Recognize the role of surgery for the treatment of hoarseness
- Select appropriate treatment options – therapy versus surgery for neurological impairments of the voice
- Compare approaches for surgical treatment of complex neurological voice disorders
- Review application of angiolytic laser therapy for voice disorders

## Accreditation

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### Accreditation Statement

In support of improving patient care, the University of Wisconsin–Madison Interprofessional Continuing Education Partnership (ICEP) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.



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INTERPROFESSIONAL CONTINUING EDUCATION

### Credit Designation Statement

The University of Wisconsin–Madison ICEP designates this live activity for a maximum of 14.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Continuing Education Units

The University of Wisconsin–Madison, as a member of the University Professional & Continuing Education Association (UPCEA), authorizes this program for 1.45 continuing education units (CEUs) or 14.5 hours.

### ASHA CEUs

This course is offered for 1.4 ASHA CEUs. This course is offered for 14 hours of contact time (Advanced level, Professional area).



Univ of WI-Madison Department of Surgery is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

# Policy on Faculty and Sponsor Disclosure

It is the policy of the University of Wisconsin-©Madison ICEP that the faculty, authors, planners, and other persons who may influence content of this CE activity disclose all relevant financial relationships with commercial interests\* in order to allow CE staff to identify and resolve any potential conflicts of interest. Faculty must also disclose any planned discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s).

In compliance with requirements of ASHA's Continuing Education Board concerning transparency in course planning, delivery and marketing, speakers' non-financial interests relevant to the content of their presentations is also included.

For this educational activity all conflicts of interests have been resolved and detailed disclosures are listed below:

Name of Individual	Individual's Role in Activity	Name of Commercial Interest & Nature of Relationship	Relevant Non-Financial Relationships (ASHA)	Financial Relationship Disclosures (OCPD)	Discussion of Unlabeled/ Unapproved Uses of Drugs/ Devices in Presentation? (OCPD)
Jacqueline Allen, FRACS ORL HNS	Presenter	No	No	No relevant financial relationships to disclose	No
Terese Bailey	Staff	No	No	No relevant financial relationships to disclose	No
Julie Barkmeier-Kramer, PhD, CCC-SLP	Presenter	University of Utah/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Christopher Bingcang, MD	Presenter	No	No	No relevant financial relationships to disclose	No
Diane Bless, PhD, CCC-SLP	Planning Committee Presenter	No	No	No relevant financial relationships to disclose	No
Andrew Blitzer, MD, DDS, FACS	Presenter	MERZ Pharmaceuticals; Allergan/Research Funding/Research	No	Allergan Inc., Merz Pharmaceuticals (PI)	Yes
Joel Blumin, MD, FACS	Presenter	No	No	No relevant financial relationships to disclose	Yes
Jonathan Bock, MD	Presenter	Diversatek Healthcare/ Consulting fee/ Teaching & Speaking	No	Diversatek (Consultant)	No
Maia Braden, MS, CCC-SLP	Presenter	University of Wisconsin Medical Foundation/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Guillermo Campos, MD	Presenter	No	No	No relevant financial relationships to disclose	No
Thomas Cleveland, PhD	Presenter	No	No	No relevant financial relationships to disclose	No
Nadine Connor, PhD, CCC-SLP	Presenter	University of Wisconsin-Madison/ Salary, Grants (NIH)/ Employment, Independent contractor (including contracted research)	No	No relevant financial relationships to disclose	No
Seth H. Dailey, MD	Content Developer Content Reviewer Planning Committee Co-Chair Presenter	No	No	No relevant financial relationships to disclose	Yes
Emerald Doll, MS, CCC-SLP	Presenter	University of Wisconsin Hospital/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Dale Ekbohm, MD	Presenter	No	No	No relevant financial relationships to disclose	No
Paul Flint, MD	Presenter	No	No	No relevant financial relationships to disclose	No

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Charles Ford, MD, FACS	Planning Committee Presenter	No	No	No relevant financial relationships to disclose	Yes
David Francis, MD, MS	Content Developer Planning Committee Presenter	No	No	No relevant financial relationships to disclose	No
Edie Hapner, PhD	Presenter	Plural Publication/ Royalty/ Author; MedBridge, Inc/ Consulting fee, Royalty/ Teaching & Speaking, Consulting	No	Plural Publishing Inc. (Author of Commercial Product); Medbridge (Teacher/Speaker)	No
Christopher Hartnick, MD, MS	Presenter	No	No	No relevant financial relationships to disclose	No
Markus Hess, MD	Presenter	No	No	No relevant financial relationships to disclose	Yes
Alexander Hillel, MD	Presenter	Consultant for Olympus USA/ Consulting Fee/ Consulting	No	Olympus (Consultant)	No
Henry Hoffman, MD	Presenter	COOK Medical research consultant; they are licensing a patent I developed with the University of Iowa Research Foundation/ Consulting Fee, Hold on Patent on equipment/ Consulting; lotamotion research consultant/ Consulting fee, hold on patent/ Consulting; UpToDate author/Royalty/Consulting	No	Cook Medical, lotamotion (Consultant); Cook Medical, lotamotion (Inventor); UpToDate (Payment for Writing Article)	Yes
Jesse Hoffmeister, MS, CCC-SLP	Presenter	University of Wisconsin Hospital/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Marie Jetté, PhD, CCC-SLP	Presenter	University of Wisconsin-Madison/ Honoraria, Conference travel/Teaching & Speaking	No	No relevant financial relationships to disclose	No
Jack Jiang, PhD, CCC-SLP	Presenter	No	No	No relevant financial relationships to disclose	No
Sid Khosla, MD	Presenter	No	No	No relevant financial relationships to disclose	No
Molly Knigge, MS, CCC-SLP, BCS-S	Presenter	University of Wisconsin Hospital/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Ying-Ta Lai, MD	Presenter	No	No	No relevant financial relationships to disclose	No
Cate Madill, PhD	Presenter	No	No	Voicecraft International (Stockholder or Other Ownership Interest Holder)	No



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Stevie Martin, MS, CCC-SLP, BCS-S	Presenter	University of Wisconsin Hospital/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Ted Mau, MD, PhD	Presenter	No	No	No relevant financial relationships to disclose	No
Jamie Mayer, MS, CCC-SLP	Presenter	University of Wisconsin Hospital/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Timothy McCulloch, MD, FACS	Planning Committee Presenter	No	No	No relevant financial relationships to disclose	No
J. Scott McMurray, MD, FAAP, FACS	Presenter	No	No	No relevant financial relationships to disclose	No
Claudio Milstein, PhD	Presenter	No	No	No relevant financial relationships to disclose	No
Daniel Novakovic, MD	Presenter	No	No	No relevant financial relationships to disclose	Yes
Bryn Olson-Greb, MS, CCC-SLP	Presenter	University of Wisconsin Hospital/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Kevin Pasternak, MS, CCC-SLP	Presenter	University of Wisconsin Medical Foundation/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Debra Phyland, PhD	Presenter	No	No	No relevant financial relationships to disclose	No
Gregory Postma, MD	Presenter	No	No	No relevant financial relationships to disclose	No
Nichole Rauch	Content Developer Planning Committee Program Coordinator	UW-Madison School of Medicine & Public Health/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Bernard Rousseau, PhD, MMHC, CCC-SLP	Presenter	No	No	No relevant financial relationships to disclose	No
Mary Sandage, PhD, CCC-SLP	Presenter	No	No	No relevant financial relationships to disclose	No
Marshall Smith, MD, FACS	Presenter	No	No	No relevant financial relationships to disclose	No
Cara D'Amico Smith	Content Developer Planning Committee	UW-Madison School of Medicine & Public Health/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Joseph Stemple, PhD, CCC-SLP	Presenter	Plural Publication/ Royalty/ Independent contract (including contracted research)	No	Medbridge, Plural Publishing Inc (Author)	No
Ichiro Tateya, MD, PhD	Presenter	No	No	No relevant financial relationships to disclose	No
Yutaka Toya, MD, PhD	Presenter	No	No	No relevant financial relationships to disclose	No
Susan Thibeault, PhD, CCC-SLP	Content Developer Content Reviewer Planning Committee Co-Chair	UW-Madison School of Medicine & Public Health/ Salary/ Employment	No	No relevant financial relationships to disclose	No

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Carol Tolejano, MA, CCC-SLP	Presenter	Massachusetts General Hospital, Center for Laryngeal Surgery & Voice Rehabilitation/ Consulting Fee/ Consulting for Research Project NIH Grant 230363	No	No relevant financial relationships to disclose	No
Nathan Welham, PhD, CCC-SLP	Content Developer Planning Committee Presenter	UW-Madison School of Medicine & Public Health/ Salary/ Employment	No	No relevant financial relationships to disclose	No
Gayle Woodson, MD	Presenter	No	No	No relevant financial relationships to disclose	No
Sherri Zelazny, RSLP	Presenter	No	Parkinson Society BC/ Volunteer Teaching & Speaking, Board member, President Speech & Hearing BC	No relevant financial relationships to disclose	No

\*The ACCME defines a commercial interest as any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME does not consider providers of clinical service directly to patients to be commercial interests.

#### Credit Letters:

You will be emailed a conference completion letter 3-4 weeks after the conference. To ensure this process, please complete and submit the attendance verification form provided to you to Nichole Rauch, [rauch@surgery.wisc.edu](mailto:rauch@surgery.wisc.edu), at the conclusion of the symposium.

#### Financial Support:

The University of Wisconsin School of Medicine and Public Health and the University of Wisconsin–Madison ICEP gratefully acknowledge the educational grant from Instrumentarium and OmniGuide Surgical.

#### In-Kind Support:

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